

Air Filter

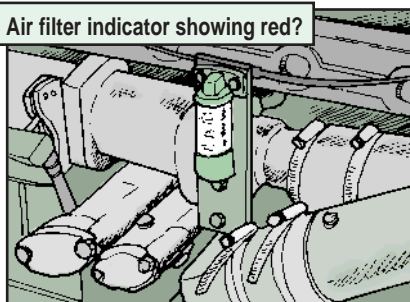
Brushhoff

Operators, your dozer needs clean air to do its job. Its filters can provide that air, with a helping hand—and eye—from you.

Check the Indicator

Keep an eye on the dozer's air cleaner indicator. It's right next to the canister. If the indicator moves from yellow to red, open the canister and pull out the primary air filter.

Air filter indicator showing red?



Use low-pressure air from a nearby tactical vehicle to blow air—30 psi or less—from inside to outside to loosen dirt and sand from the dozer's air filter element. Never bang the filter on a rock or hard surface like the dozer's track. Replace the primary air filter element once a year, or after six cleanings.

When the dozer's secondary filter becomes clogged, have your unit mechanic replace it. How do you tell if it's clogged? Simple.

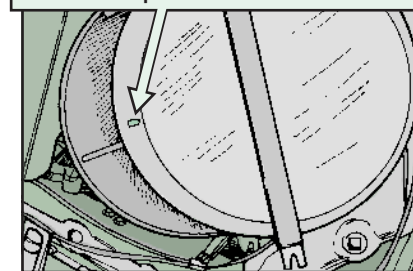
After installing a clean or new primary filter element, if the indicator moves into the red zone when you try to start, the secondary filter's clogged. Black exhaust smoke is another indication of a clogged filter.

Tight Seal Deal

With the filter elements installed, be careful how the canister lid goes back in place. That lid needs a tight seal to keep out dirt and sand, two culprits that can ruin your dozer's turbocharger and engine.

The lid has a recessed lip with a raised mark on its outer cover. Make sure this area points toward the front of the vehicle. That way the primary filter element fits tight against the lid with a good seal.

Raised mark points towards vehicle front



Use Caution with Blade Float

Operators, make sure you heed the CAUTION on Page 2-31 of TM 5-2410-237-10. Never use the D7G dozer blade's quick drop option when it's over a ditch or big hole.

The blade falls quickly when you put the blade control lever all the way forward, in the float position. Problem is, there's no built-in stop.

The blade drops until it hits the ground, or until the end of the cylinder rod hits the end of the cylinder and rips the nut off the rod. Then the blade's lift cylinder rods are yanked out of the cylinders. That brings your dozer operations to a screeching halt.

So never let the blade drop 18 inches or more below the bottom of your dozer's tracks. Use the float position with care, or lower the blade under power.

On level ground, it's okay to drop the blade quickly.

Use float position with care

